

XP-002264241

AN - 1992-257614 [31]

AP - SU19894715043 19890718

CPY - SINI-R

DC - J04

FS - CPI

IC - B01J19/24

IN - DENISOV E E; KOSORENKOV D I; MAMEDOV U A

MC - J04-X

PA - (SINI-R) SINION SOVIET-ITALIAN PETROCHEM CO

PN - SU1676438 A3 19910907 DW199231 B01J19/24 003pp

PR - SU19894715043 19890718

XA - C1992-115186

XIC - B01J-019/24

AB - SU1676438 The reactor comprises a contact tank (1), and circulation piping with a disperser. To increase productivity, a degassing-separating chamber (2), 0.5-0.8 fold the reactor in height is also provided between the tank and the disperser.

- Inlet hole (3), outlet pipe (4), pump (5), ejector (7) and static mixer (8) accelerate operation. The size of the bubbles depends on the product outlet height. The exiting mixture containing the required amount of gas of optimum bubble diameter, is pumped into the disperser and then recycled. This obviates the need for expenditure of further energy to disperse the gas and refine the mixture. The process is repeated, and efficiency is increased.

- ADVANTAGE - The design accelerates operation. Bul.33/7.9.91

- (Dwg. 1/1)

IW - REACTOR GAS LIQUID MASS TRANSFER PROCESS CONTACT TANK DISPERSE
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INW - DENISOV E E; KOSORENKOV D I; MAMEDOV U A

NC - 001

OPD - 1989-07-18

ORD - 1991-09-07

PAW - (SINI-R) SINION SOVIET-ITALIAN PETROCHEM CO

TI - Reactor for gas liq. and mass transfer processes - has contact tank with disperser and intermediate degasser not requiring power source for dispersion